Form 3160-3				FORM APPRO OMB No. 1004	
(September 2001)	•			Expires January	
UNITED STATES DEPARTMENT OF THE IN				5. Lease Serial No.	, , , , , , , , , , , , , , , , , , , ,
BUREAU OF LAND MANAGE				UTU-017992	
with a		CENTED	والموجود في	6. If Indian, Allottee or T	ribe Name
APPLICATION FOR PERMIT TO DE	KILL OK F	KEENIEK		N/A	
Ia. Type of Work: DRILL REENTED	R			7. If Unit or CA Agreemen	nt, Name and No.
1b. Type of Well:  Oil Well  Gas Well  Other	X s	Single Zone 🔲 Multip	ple Zone	8. Lease Name and Well N Federal 3-7-9-19	
Name of Operator     Newfield Production Company				9. API Well No.	17-39878
3a. Address	3b. Phone N	lo. (include area code)		10. Field and Pool, or Explo	oratory
Route #3 Box 3630, Myton UT 84052	(43	5) 646-3721		Pariette	
4. Location of Well (Report location clearly and in accordance with	any State requ	uirements.*) 40, 051 024		11. Sec., T., R., M., or Blk.	and Survey or Area
At surface NE/NW 586' FNL 1946' FWL 600226)	1	NE/NW Sec. 7, T9S R19E			
At proposed prod. zone	7				
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	13. State
Approximatley 26.4 miles southeast of Myton, Utah	γ .			Uintah	UT
<ol> <li>Distance from proposed*     location to nearest     property or lease line, ft.     (Also to nearest drig, unit line, if any)     Approx. 694' f/lse, NA' f/unit</li> </ol>	•			g Unit dedicated to this well 40 Acres	
(Tibo to nome of diff. diffe into, it diff)	19. Propos		20. DI M/E	BIA Bond No. on file	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1521'	•	825'		/YB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work will sta	rt*	23. Estimated duration	· · · · · · · · · · · · · · · · · · ·
4773' GL	1	arter 2008		Approximately seven (7) days from sp	oud to rig release.
4770 02	24. Atta	chments		. ,	
The following, completed in accordance with the requirements of Onshor	e Oil and Gas	Order No.1, shall be att	ached to this	form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the	Item 20 above). 5. Operator certification	ation. specific info	ormation and/or plans as ma	
25. Signature		(Printed/Typed)		Date	
01 kandie Cusus	Ma	ndie Crozier		11	/30/07
Title Boundaton Specialist					

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Name (Printed/Typed)
BRADLEY G. HILL
OFMURONMENTAL MANAGER

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

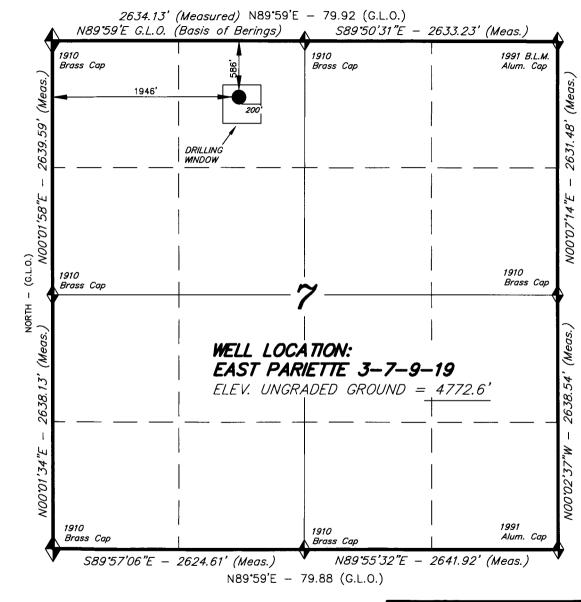
RECEIVED

Date

DEC 17 2007

**Federal Approval of this** Action is Necessary

# T9S, R19E, S.L.B.&M.

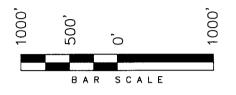


♦ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (UTELAND BUTTE) EAST PARIETTE 3-7-9-19 (Surface Location) NAD 83 LATITUDE = 40°03'03.58" LONGITUDE = 109°49'32.03"

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, EAST PARIETTE 3-7-9-19, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 7, T9S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUME SURVEYS MADE BY ME OR UNDER AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FELIPE.No.189377

REGISTER D LAND SURVEYOR
REGISTRA PONGNO. 129730

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 06-18-07	SURVEYED BY: C.M.
DATE DRAWN: 07-18-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

# NEWFIELD PRODUCTION COMPANY FEDERAL #3-7-9-19 NE/NW SECTION 7, T9S, R19E UINTAH COUNTY, UTAH

## ONSHORE ORDER NO. 1

# DRILLING PROGRAM

## 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

# 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' – 1440' Green River 1440' Mahongany Bench 2875' Wasatch 5825'

### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1440' - 5825' - Oil

## 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

# 6. <u>TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:</u>

Please refer to the Monument Butte Field SOP.

## 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

# NEWFIELD PRODUCTION COMPANY FEDERAL #3-7-9-19 NW/SE SECTION 7, T9S, R19E UINTAH COUNTY, UTAH

# **ONSHORE ORDER NO. 1**

# MULTI-POINT SURFACE USE & OPERATIONS PLAN

# 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-7-9-19 located in the NW 1/4 SE 1/4 Section 6, T9S, R19E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly - 15.3 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly - 7.8 miles  $\pm$  to it's junction with and existing road to the southeast; proceed southeasterly - 1.7 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road - 2550'  $\pm$ ; continue along the proposed access road in a southeasterly direction - 4140'  $\pm$  to the proposed well location.

### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

## 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

# 5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-10136

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

# 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

### 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

### 11. SURFACE OWNERSHIP - Bureau Of Land Management.

### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #06-604, 1/22/07. Paleontological Resource Survey prepared by, Wade E. Miller, 11/15/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests a 3230' ROW be granted in Lease UTU-50385 and 3460' of disturbed area be granted in Lease UTU-017992 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 480' ROW be granted in Lease UTU-15392 and 5350' of disturbed area be granted in Lease UTU-017992 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 4970' of disturbed area be granted in Lease UTU-017992 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

### Threatened, Endangered, And Other Sensitive Species

A cactus survey will be required for the proposed location.

Elk and Deer winter range: No new construction or surface disturbing activities will be allowed Dec. 1<sup>st</sup> and April 30<sup>th</sup>.

### **Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	Agropyron Cristatum	5 lbs/acre
Spuirrel Tail	Elymus Elymoides	5 lbs/acre
Shadscale	Atriplex Confertifolia	1/2 lbs/acre
Kochia		1/4 lbs/acre
Gardners Saltbush	Atriplex Gardneri	1/2 lbs/acre

### **Details of the On-Site Inspection**

The proposed Federal #3-7-9-19 was on-sited on 10/30/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

### LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

### **Representative**

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

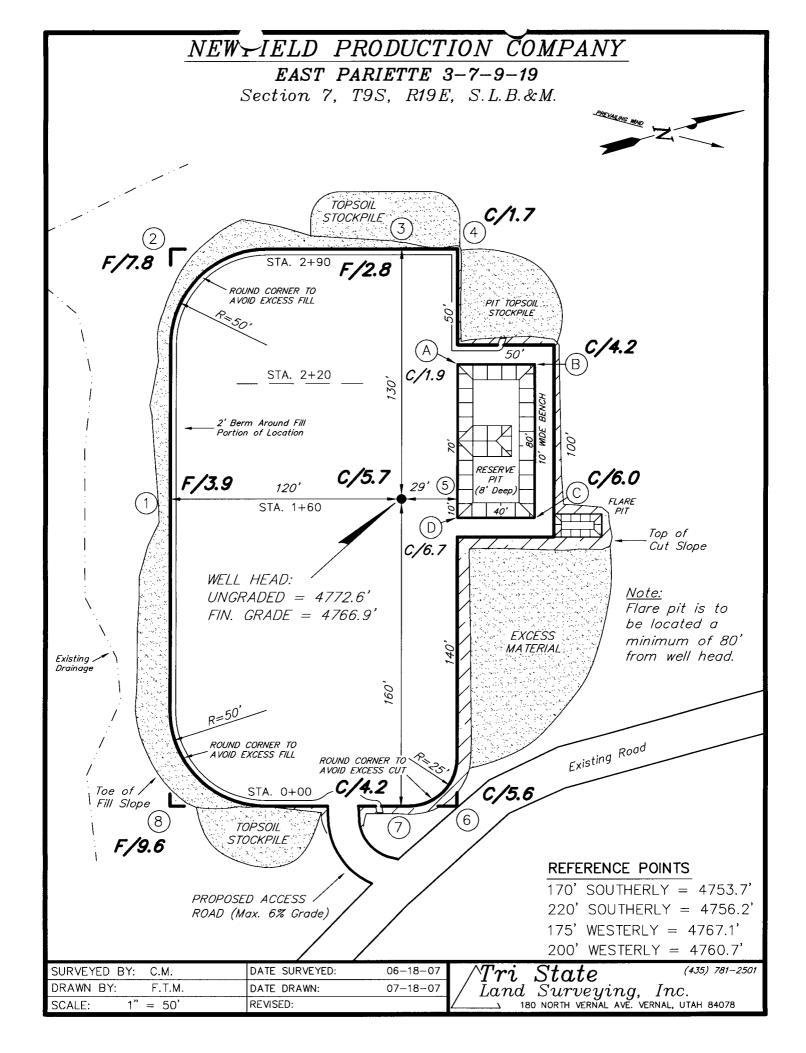
(435) 646-3721

# **Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-7-9-19 NE/NW Section 7, Township 9S, Range 19E: Lease UTU-017992 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

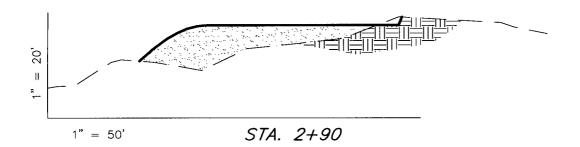
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

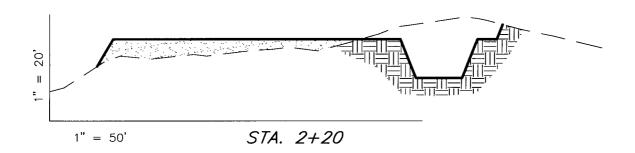
		with this plan and the terms and conditions under which it is subject to the provisions of 18 U.S.C. 1001 for the filing of a false
statement.		
	11/30/07	
	Date	Mandie Crozier
		Regulatory Specialist
		Newfield Production Company

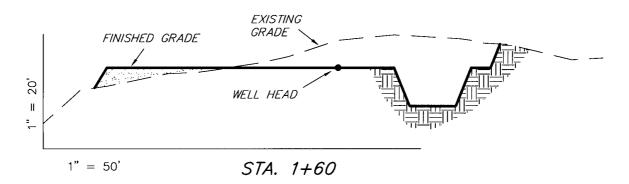


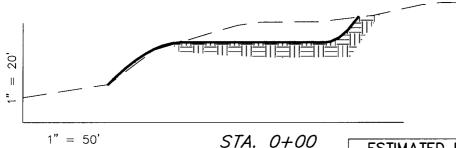
# NEWFIELD PRODUCTION COMPANY

# CROSS SECTIONS EAST PARIETTE 3-7-9-19







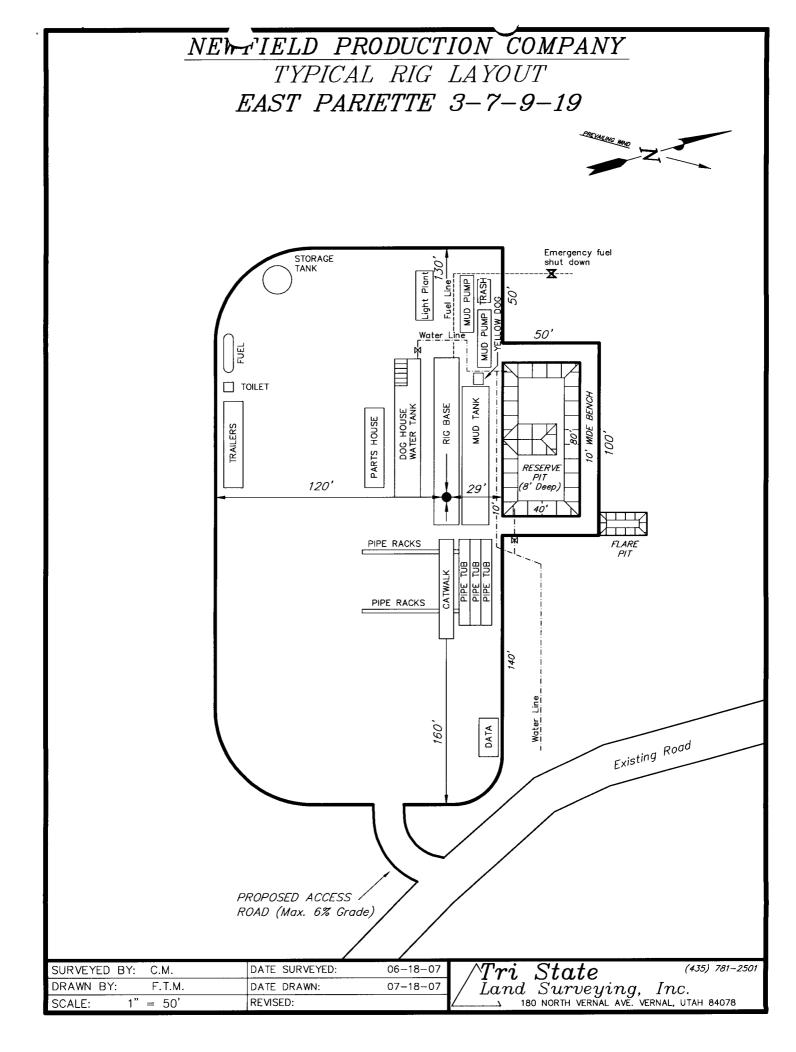


NOTE: UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1

# ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,680	3,680	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	4,320	3,680	1,010	640

SURVEYED BY:	C.M.	DATE SURVEYED:	06-18-07
DRAWN BY:	F.T.M.	DATE DRAWN:	07-18-07
SCALE: 1"	= 50'	REVISED:	



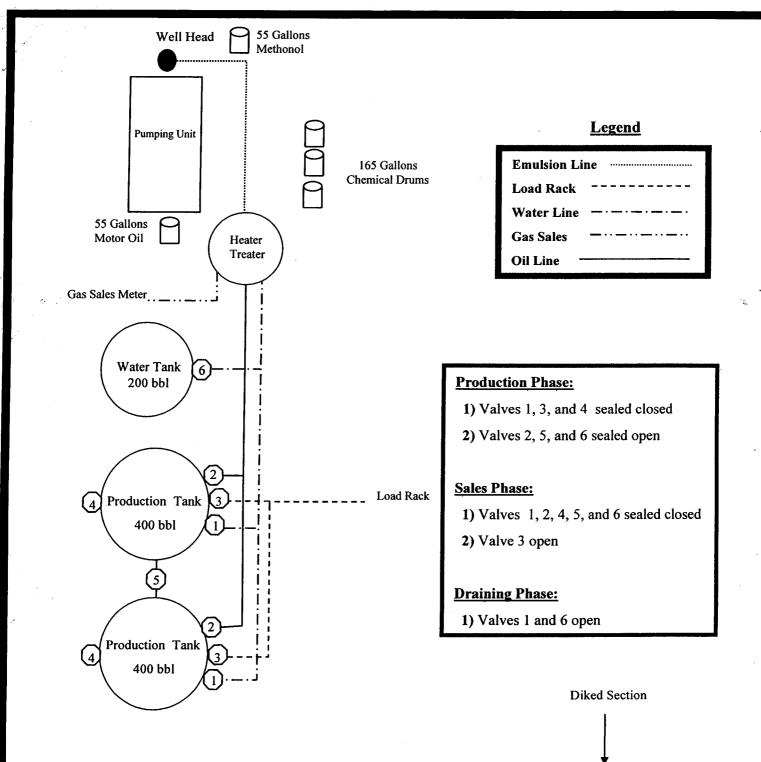
# **Newfield Production Company Proposed Site Facility Diagram**

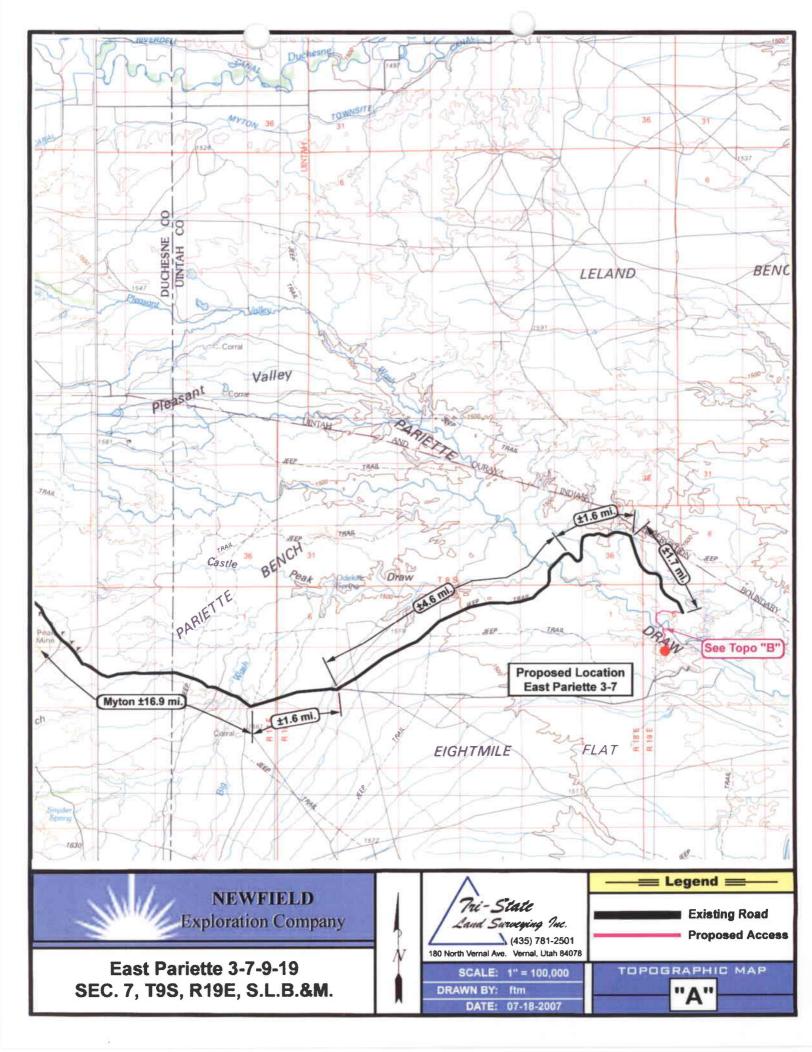
Federal 3-7-9-19

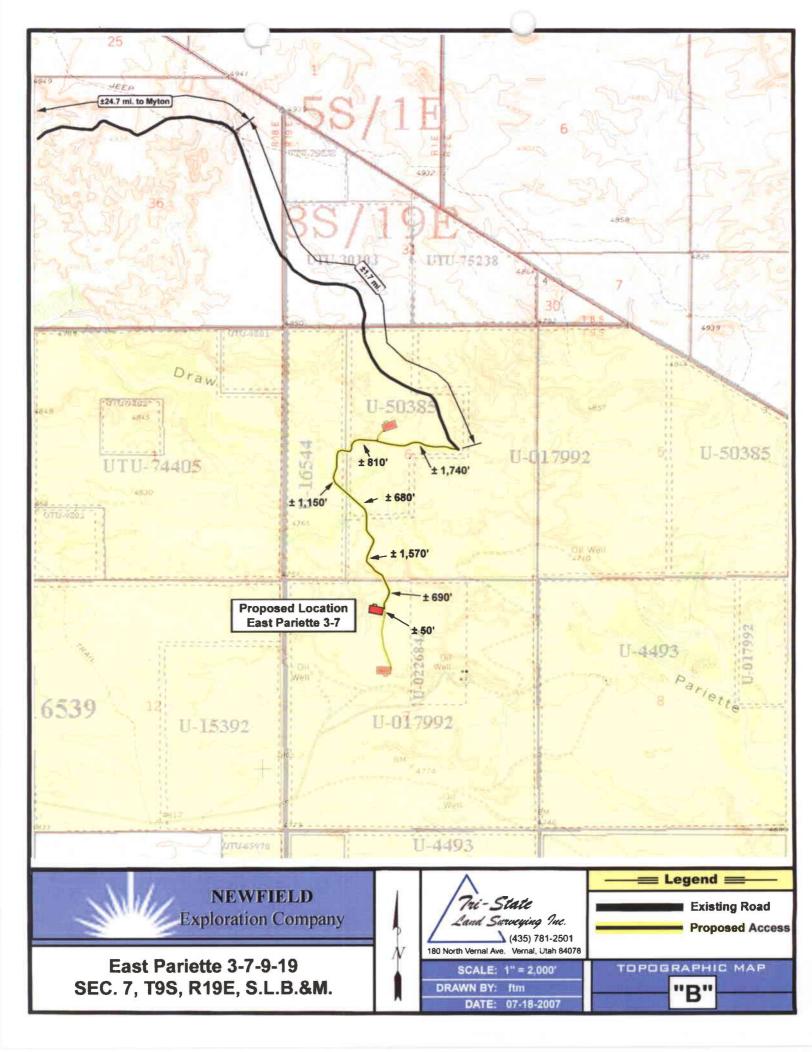
NE/NW Sec. 7, T9S, R19E

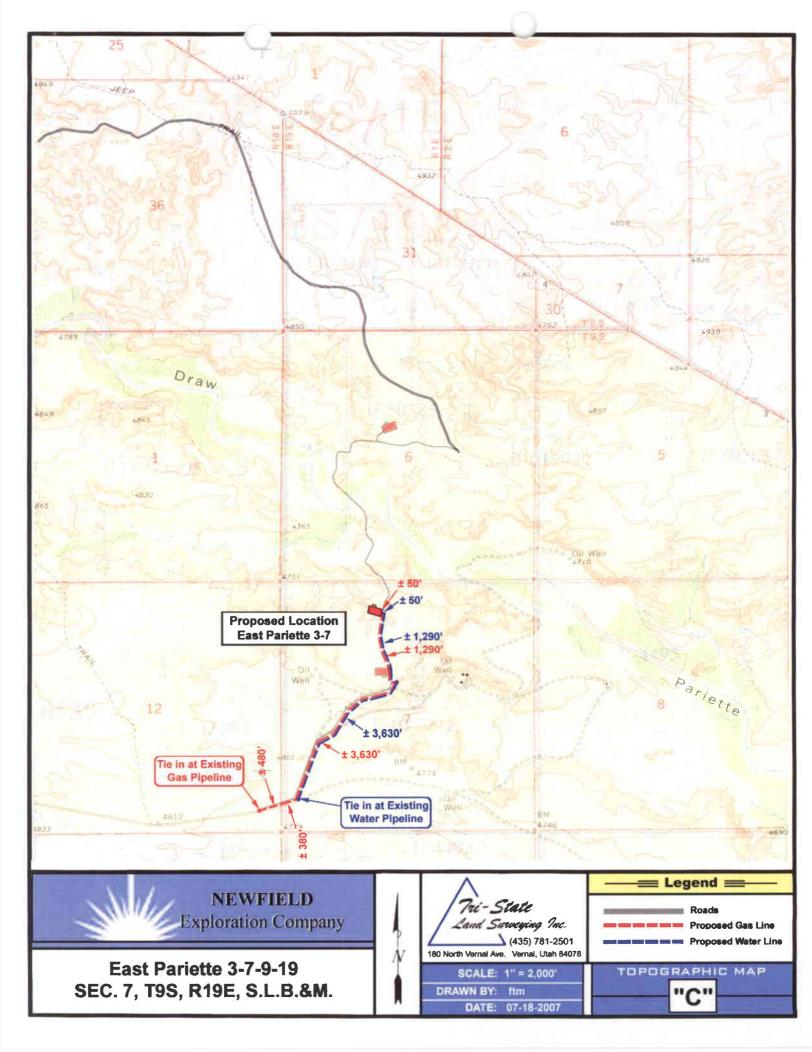
**Uintah County, Utah** 

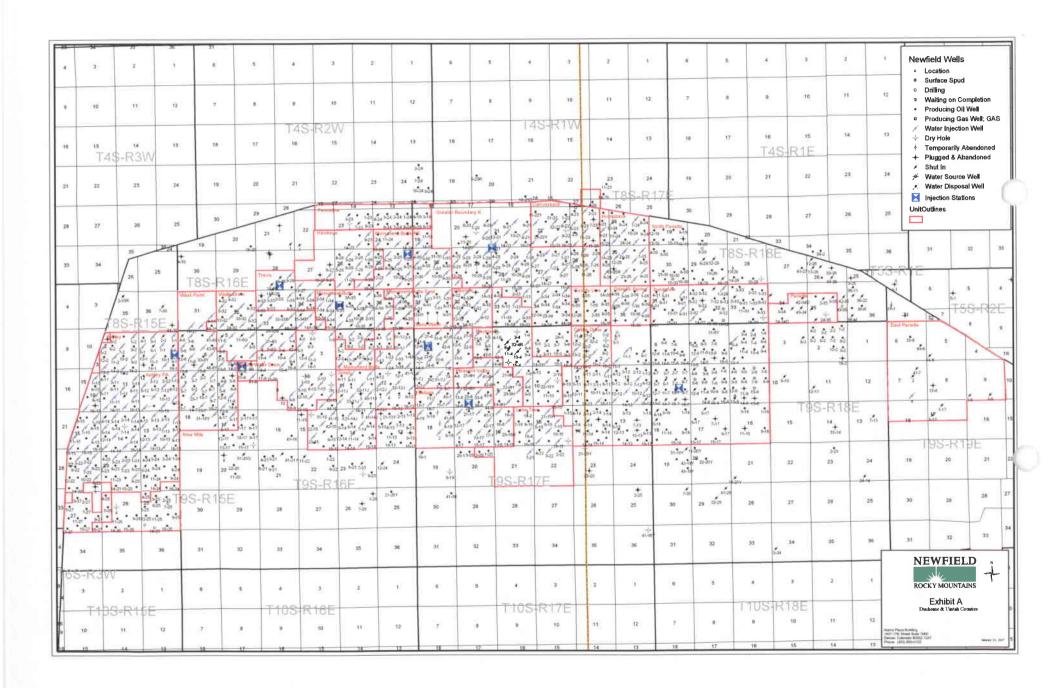
UTU-017992

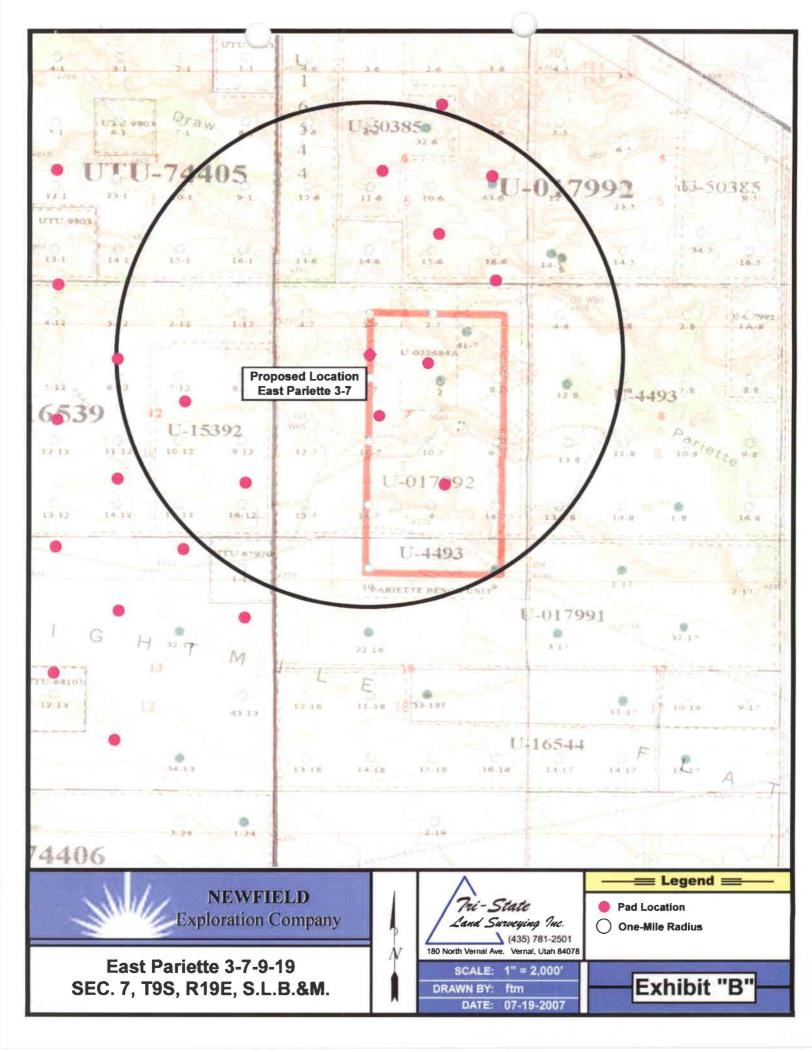






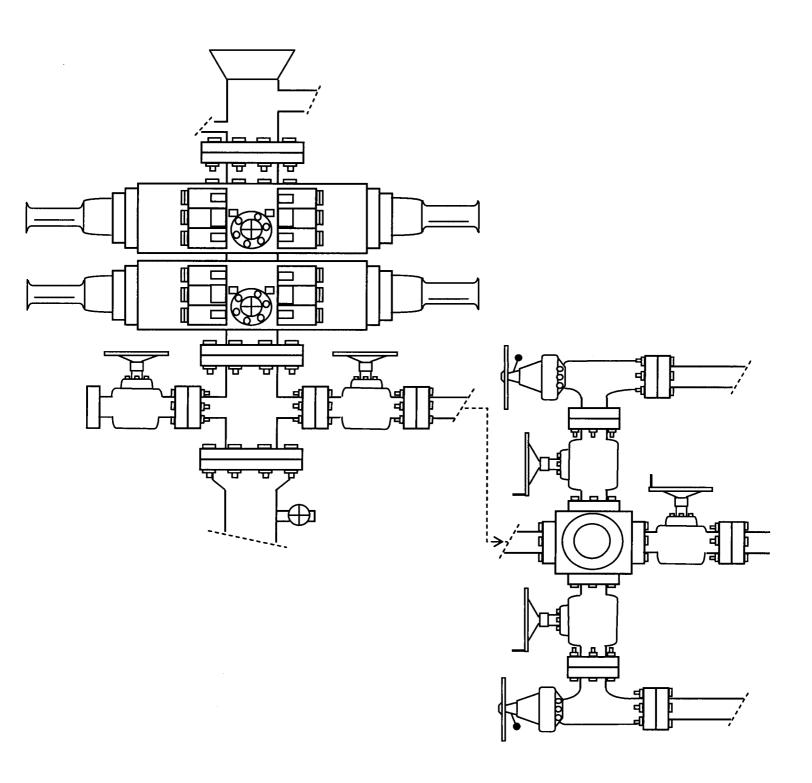






# 2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL (T9S R19E SECTIONS 4, 5, 6, 7, 8, 9 AND 17) UINTAH COUNTY, UTAH

By:

Kylie Lower-Eskelson and Jenn Mueller

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Route 3 Box 3630 Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 06-604

January 22, 2007

United States Department of Interior (FLPMA)
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-06-MQ-1665b

254

# INLAND RESOURCES, INC.

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTAH COUNTY, UTAH

(Sections 3, 4, & 10, T 9 S, R 18 E; Section 7, T 9 S, R 19 E)

# REPORT OF SURVEY

Prepared for:

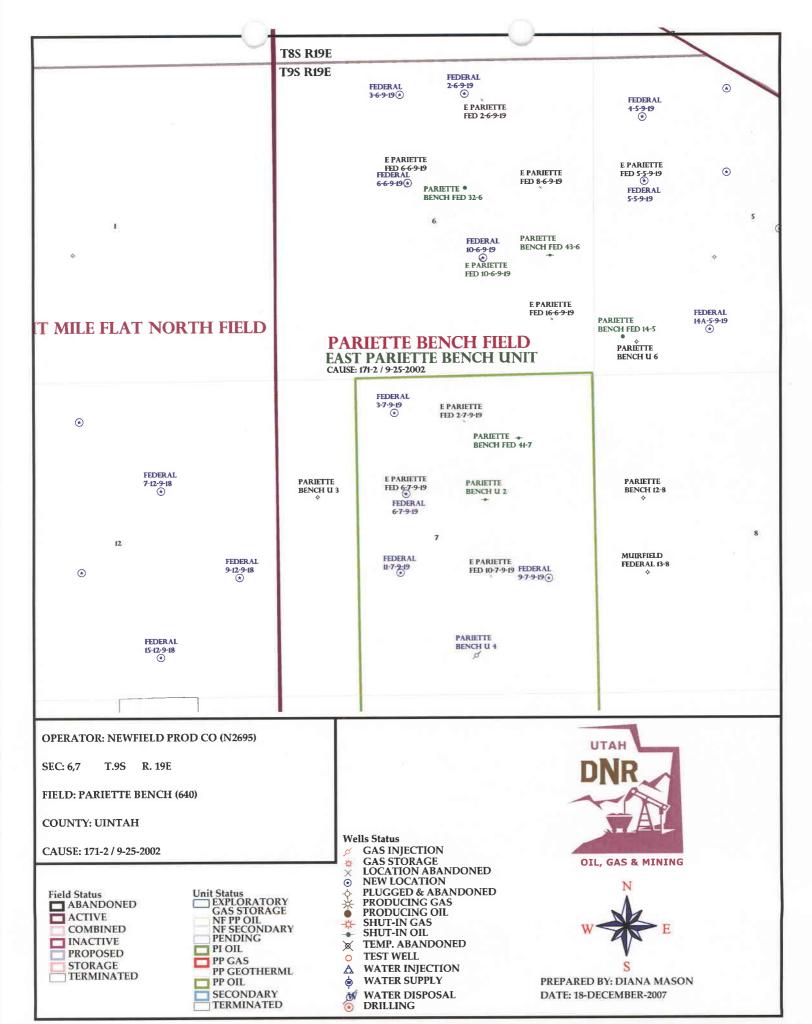
Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist November 15, 2003

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/17/2007	API NO. ASSIGNED: 43-047-39878					
WELL NAME: FEDERAL 3-7-9-19						
OPERATOR: NEWFIELD PRODUCTION ( N2695 )	PHONE NUMBER: 435-646-3721					
CONTACT: MANDIE CROZIER						
PROPOSED LOCATION:	INSPECT LOCATN BY: / /					
NENW 07 090S 190E SURFACE: 0586 FNL 1946 FWL	Tech Review Initials Date					
BOTTOM: 0586 FNL 1946 FWL	Engineering					
COUNTY: UINTAH	Geology					
LATITUDE: 40.05102 LONGITUDE: -109.8250 UTM SURF EASTINGS: 600226 NORTHINGS: 44338	Surface					
FIELD NAME: PARIETTE BENCH ( 640						
LEASE TYPE: 1 - Federal	PROPOSED FORMATION: GRRV					
LEASE NUMBER: UTU-017992  SURFACE OWNER: 1 - Federal	COALBED METHANE WELL? NO					
DONFACE OWNER. 1 FEGETAL						
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:					
✓ Plat	R649-2-3.					
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: EAST PARIETTE (GRRV)					
(No. <u>WYB000493</u> )						
Potash (Y/N)	R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells					
Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit	R649-3-3. Exception					
(No. 43-10136 )						
N RDCC Review (Y/N)	Drilling Unit  Board Cause No: 171-2					
(Date:)	Eff Date: 9-35-02					
LUA Fee Surf Agreement (Y/N)	Siting: Suspinds Ilner Situal					
Intent to Commingle (Y/N) R649-3-11. Directional Drill						
COMMENTS:						
——————————————————————————————————————						
STIPULATIONS: 1- de de Maprova						
The second secon	· · · · · · · · · · · · · · · · · · ·					



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

December 18, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development East Pariette Unit,

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the East Pariette Unit, Uintah County, Utah.

(Proposed PZ Green River)

43-047-39874 Federal 02-6-9-19 Sec 6 T09S R19E 0572 FNL 2149 FEL 43-047-39875 Federal 03-6-9-19 Sec 6 T09S R19E 0572 FNL 2056 FWL 43-047-39876 Federal 06-6-9-19 Sec 6 T09S R19E 2041 FNL 2190 FWL 43-047-39877 Federal 10-6-9-19 Sec 6 T09S R19E 1985 FSL 1863 FEL 43-047-39878 Federal 03-7-9-19 Sec 7 T09S R19E 0586 FNL 1946 FWL 43-047-39879 Federal 06-7-9-19 Sec 7 T09S R19E 1933 FNL 2120 FWL 43-047-39880 Federal 09-7-9-19 Sec 7 T09S R19E 1900 FSL 0839 FEL 43-047-39881 Federal 11-7-9-19 Sec 7 T09S R19E 2020 FSL 2008 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - East Pariette Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:12-18-07



# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 18, 2007

Newfield Production Company Rt. 3, Box 3630 Myton, UT 84052

Re:

Federal 3-7-9-19 Well, 586' FNL, 1946' FWL, NE NW, Sec. 7, T. 9 South, R. 19 East,

Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39878.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company			
Well Name & Number	Federal 3-7-9-19			
API Number:	43-047-39878 UTU-017992			
Location: <u>NE NW</u>	Sec 7_	<b>T.</b> 9 South	<b>R.</b> 19 East	

# **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.



Myton, Utah 84052 (435) 646-4825, FAX: (435) 646-3031

May 28, 2008

Bureau of Land Management Attn: Phyllis Phillips 170 South 500 East Vernal, Utah 84078-2799

RE: Notice of APD Deficiencies.

43-047-35816 Federal 3-5-9-19 Federal 5-5-9-19

39818 rederal 5-5-9-19 39861 Federal 6-5-9-19

39844 Federal 10-5-9-19

34865 Federal 14A-5-9-19

39880 Federal 9-7-9-19

9S 19E 7

Federal 3-6-9-19 39875

Federal 6-6-9-19 39874

Federal 10-6-9-19 39877 Federal 3-7-9-19 39878

Federal 6-7-9-19 39879

Federal 11-7-9-19 39881

# Dear Phyllis:

Enclosed find the correct drilling programs (in triplicate) as per your request. The original APD's referred to the Monument Butte SOP. Matt Baker and Jim Ashley have requested more in depth information due to the fact that they actually fall outside of the Monument Butte Boundaries. Everything else in the APD's will remain the same. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely.

Mandie Crozier

Regulatory Specialist

mc

enclosures

cc: State of Utah

Division of Oil, Gas & Mining

RECEIVED
MAY 3 0 2008

# NEWFIELD PRODUCTION COMPANY FEDERAL #6-7-9-19 SE/NW SECTION 7, T9S, R19E UINTAH COUNTY, UTAH

# ONSHORE ORDER NO. 1

# **DRILLING PROGRAM**

# 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

# 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

 Uinta
 0' – 1430'

 Green River
 1430'

 Mahongany Bench
 2865'

 Wasatch
 5815'

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 1430' – 5,815'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled IntervalDate SampledFlow RateTemperatureHardnesspHWater Classification (State of Utah)Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Sodium (Na) (mg/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

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# 4. PROPOSED CASING PROGRAM

a. Casing Design: Federal 6-7-9-19

Size		Interval		Weight Grade Coupling			Design Factors			
, Oize	Тор	Bottom	vyeigiii	Grade	Coupling	Burst	Collapse	Tension		
Surface casing	9 1 - 1	0.000	01 0001	J-55				2,950	1,370	244,000
8-5/8" Hole Size 12 1/4"	0'	300'	24.0		STC	17.53	14.35	33.89		
Prod casing		-				4,810	4,040	217,000		
5-1/2" Hole Size 7 7/8"	0'	5,815'	15.5	J-55	LTC	2.60	2.18	2.41		

### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Federal 6-7-9-19

Job	Fill	Description	IrSacks ft³	OH. Excess*	Weight (ppg)	Yield (ft³/sk)
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
Gundec casing	300	01839 G W/ 270 0801	161	30 70	15.6	1.17
Prod casing	3,815'	Prem Lite II w/ 10% gel + 3% KCl	264	30%	11.0	3.26
Lead	3,013		859			
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.2	1.24
Tail	2,000	KCI	451	30%	14.3	1.24

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug,

<sup>-</sup> Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours

<sup>-</sup> Compressive strength of tail cement: 2500 psi @ 24 hours

cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

# 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

The Company's Class 2M minimum specifications for pressure control equipment for a standard Monument Butte development well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

Newfield Exploration requests a variance from Onshore Order 2, III.C.7. which states, "...(1)The flare line discharge shall be located not less than 100 feet from the well...(2)The flare system shall have an effective method of ignition."

Newfield Exploration requests permission to have a flowline length of 80 feet in order to minimize the size of the well pad.

Newfield Exploration request permission to conduct operations without an automatic ignitor. If combustible gases are expected, operations will be shut down until an effective method of ignition has been installed.

Newfield Exploration requests a variance from Onshore Order 2, III.E.1. which states, "...the following equipment shall be in place and operational during air/gas drilling: (1) Properly lubricated and maintained rotating head ...(2) Blooie line discharge 100 feet from well bore...(3) Automatic igniter or continuous pilot light on the blooie line... (4) compressors located...a minimum of 100 ft from the well bore..."

Newfield Exploration request permission to use a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 feet blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to operate without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

# 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to  $\pm 350$  feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about  $\pm 350$  feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aguifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

## 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

# 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

#### a. Logging Program:

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DLL: TD - 3,200'

CBL: A cement bond log will be run from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

b. Cores: As deemed necessary.

# c. Drill Stem Tests: No DSTs are planned in the Green River.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

# 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

# 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

### a. Drilling Activity

Anticipated Commencement Date:

Drilling Days:

Completion Days:

Upon approval of the site specific APD.

Approximately 7 days.

Approximately 10 - 14 days.

### b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing.. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the

surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

FQRM 3160+5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires:	March 31, 1993	

SUNDRY NOTICES AND	UTU-017992	
Do not use this form for proposals to drill or to deel Use "APPLICATION FO	6. If Indian, Allottee or Tribe Name  NA	
	TRIPLICATE	7. If Unit or CA, Agreement Designation  EAST PARIETTE
1. Type of Well  X Oil Well Gas Well Other	8. Well Name and No. <b>FEDERAL 3-7-9-19</b> 9. API Well No.	
2. Name of Operator  NEWFIELD PRODUCTION COMPANY 3. Address and Telephone No.		43-047-39878  10. Field and Pool, or Exploratory Area  8 MILE FLAT NORTH
Rt. 3 Box 3630, Myton Utah, 84052 435-64 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 586 FNL 1946 FWL NE/NW Section		11. County or Parish, State  UINTAH COUNTY, UT.
12. CHECK APPROPRIATE BOX(s) TYPE OF SUBMISSION	TO INDICATE NATURE OF NOTICE, REPORT	
X Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing  Other Permit Extension	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

**COPY SENT TO OPERATOR** 

RECEIVED

DEC 0 1 2003

Completion or Recompletion Report and Log form.)

1		DIV. OF OIL, GAS & MINING			
14. I hereby certify that the foregoing is the and correct Signed Mandie Crozier	Title	Regulatory Specialist	Date	11/24/2008	_
CC: UTAH DOGM					
(This space for Federal or State office use)					
Approved by	Title		Date		
Conditions of approval, if any:				,	
CC: Utah DOGM					_



# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39878 Well Name: Federal 3-7-9-19	
Location: NE/NW Section 7,T9S R19E	
Company Permit Issued to: Newfield Pr Date Original Permit Issued: 12/18/2007	oduction Company
Date Original Fernit 193ded. 12/10/2007	
The undersigned as owner with legal righ above, hereby verifies that the information approved application to drill, remains valid	n as submitted in the previously
Following is a checklist of some items relaverified.	ated to the application, which should be
If located on private land, has the owners agreement been updated? Yes ☐ No ☑	hip changed, if so, has the surface
Have any wells been drilled in the vicinity the spacing or siting requirements for this	• •
Has there been any unit or other agreement permitting or operation of this proposed w	· · · · ·
Have there been any changes to the accord-way, which could affect the proposed le	• • • • • • • • • • • • • • • • • • • •
Has the approved source of water for drill	ling changed? Yes□No☑
Have there been any physical changes to which will require a change in plans from evaluation? Yes□No☑	
Is bonding still in place, which covers this	proposed well? Yes ☑ No □
Mandie Cours Signature	11/24/2008 Date
-	
Title: Regulatory Specialist	
	RECEIVED
Representing: Newfield Production Company	DEC 0 1 2003
	DIV. OF OIL, GAS & MINING

STATE OF UTAH			FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: EAST PARIETTE (GRRV)	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FEDERAL 3-7-9-19		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			<b>9. API NUMBER:</b> 43047398780000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052  435 646-4825 Ext			9. FIELD and POOL or WILDCAT: PARIETTE BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 07 Township: 09.0S Range: 19.0E Meridian: S			COUNTY: UINTAH	
			STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  DMPLETED OPERATIONS. Clearly show all pertines of extend the permit to drill this	ent details including dates, depths, v well for one more year.	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  Columes, etc.  Approved by the  Utah Division of  Oil, Gas and Mining  ate: November 30, 2009	
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech		
SIGNATURE N/A		DATE 11/30/2009		



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

**API:** 43047398780000 Well Name: FEDERAL 3-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not

ire revi	sion. Following is a c	hecklist of	f some items related to th	e application, w	hich should be verified.
	ated on private land, ed? 问 Yes 📵 No		wnership changed, if so, h	as the surface a	ngreement been
	any wells been drille requirements for thi		cinity of the proposed well? No	ll which would a	ffect the spacing or
	nere been any unit or s proposed well?		reements put in place that No	could affect the	e permitting or operation
	there been any chang the proposed location		access route including ow es  No	nership, or righ	ntof- way, which could
• Has th	ne approved source o	of water fo	or drilling changed? 🔘 Y	'es 📵 No	
			es to the surface location ussed at the onsite evalua		
• Is bor	nding still in place, w	hich cover	rs this proposed well? 🌘	Yes 📗 No 🏻	approved by the Itah Division of I, Gas and Mining
nature:	Mandie Crozier	Date:	11/30/2009		
Title:	Regulatory Tech Repr	esenting:	NEWFIELD PRODUCTION CO	OMPANY Date:_	November 30, 2009

Sig

STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		<b>9. API NUMBER:</b> 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84		ONE NUMBER:	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL QTR/QTR, SECTION, TOWNSHI	IP RANGE MERIDIAN		COUNTY: UINTAH
	Township: 09.0S Range: 19.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
2/22/2010	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
☐ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: APD Change
Newfield requests to Federal 3A-7-9-19	ompleted operations. Clearly show all per to amend the name of the above.  Or Since submission the proposed in	we mentioned APD to the se access road has been effecting those changes. Oi	· ·
NAME (PLEASE PRINT)	PHONE NUMBER		
Mandie Crozier	435 646-4825	Regulatory Tech	
<b>SIGNATURE</b>   N/A		<b>DATE</b> 2/22/2010	

Form 3160-3 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

5. Lease Serial No. UTU-017992

DUNCAU OF LAND MAN	ACIEWIENI			
APPLICATION FOR PERMIT TO		6. If Indian, Allotee or Trib	e Name	
la. Type of work:  DRILL  REENTH	ER		7 If Unit or CA Agreement, I East Pariette	Name and No.
lb. Type of Well: Oil Well Gas Well Other	ple Zone	8. Lease Name and Well No. Federal 3A-7-9-19		
Name of Operator Newfield Production Company		9. API Well No.		
3a. Address Route #3 Box 3630, Myton UT 84052		10. Field and Pool, or Explorat Eight Mile Flat	ory	
Location of Well (Report location clearly and in accordance with an At surface NE/NW 586' FNL 1946' FWL     At proposed prod. zone	At surface NE/NW 586' FNL 1946' FWL Sec. 7, T9S R1			urvey or Area
14. Distance in miles and direction from nearest town or post office* Approximately 24.4 miles southeast of Myton, UT			12. County or Parish Uintah	13. State
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 694' f/lse, 1946' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 1,276.51	17. Spacin	g Unit dedicated to this well 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx.1521'	II. drilling, completed.			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4773' GL  22. Approximate date work will start*			23. Estimated duration (7) days from SPUD to ri	g release
	24. Attachments			
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, must be a	ittached to th	is form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> </ol>	the operatio	ns unless covered by an existing	bond on file (see	

- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 5. Operator certification
  - Such other site specific information and/or plans as may be required by the

25. Signature Cardio Carrier	Mandie Crozier	Date 2/19/09
Title		100
Regulatory Specialist	<i>W</i> .	
Approved by (Signature)	Name (Printed Typed)	Date
Title	Office	1
Application approval does not warrant or certify that the application conduct operations thereon. Conditions of approval, if any, are attached.	unt holds legal or equitable title to those rights in the subjec	t lease which would entitle the applicant to

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any malter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

#### NEWFIELD PRODUCTION COMPANY FEDERAL 3A-7-9-19 NE/NW SECTION 7, T9S, R19E UINTAH COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### DRILLING PROGRAM

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' – 1440' Green River 1440' Mahongany Bench 2875' Wasatch 5825'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 1440' – 5,825'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l)

Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

#### 4. PROPOSED CASING PROGRAM

a. Casing Design: Federal 3A-7-9-19

Ol-	Interval		Mainha Condo	Grade	Caupling	Design Factors		
Size	Тор	Bottom	Weight	Grade	Coupling	Burst	Tension	
Surface casing					STC	2,950	1,370	244,000
8-5/8" Hole Size 12 1/4"	0'	300'	24.0	J-55		17.53	14.35	33,89
Prod casing	740					4,810	4,040	217,000
5-1/2" Hole Size 7 7/8"	0'	5,825'	15.5	J-55	LTC	2.60	2.18	2.40

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Federal 3A-7-9-19

Job	Fill	Description	Sacks	OH	Weight	Yield
300		Description	ft <sup>3</sup>	Excess*	(ppg)	(ft <sup>3</sup> /sk)
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
	300		161	0070		
Prod casing	3.825'	Prem Lite II w/ 10% gel + 3%	264	30%	11.0	3.26
Lead	3,025	KCI	862	30 70	11,0	5.20
Prod casing	2,000'	2 2001 50/50 Poz w/ 2% gel + 3%		30%	14.3	1.24
Tail	2,000	KCI	451	30%	14.5	1,24

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug,

cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The Company's Class 2M minimum specifications for pressure control equipment for a standard Monument Butte development well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

Newfield Exploration requests a variance from Onshore Order 2, III.C.7. which states, "...(1)The flare line discharge shall be located not less than 100 feet from the well...(2)The flare system shall have an effective method of ignition."

Newfield Exploration requests permission to have a flowline length of 80 feet in order to minimize the size of the well pad.

Newfield Exploration request permission to conduct operations without an automatic ignitor. If combustible gases are expected, operations will be shut down until an effective method of ignition has been installed.

Newfield Exploration requests a variance from Onshore Order 2, III.E.1. which states, "...the following equipment shall be in place and operational during air/gas drilling: (1) Properly lubricated and maintained rotating head ...(2) Blooie line discharge 100 feet from well bore...(3) Automatic igniter or continuous pilot light on the blooie line... (4) compressors located...a minimum of 100 ft from the well bore..."

Newfield Exploration request permission to use a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 feet blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to operate without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

#### a. Logging Program:

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DLL: TD - 3,200'

CBL: A cement bond log will be run from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

**b.** Cores: As deemed necessary.

#### c. Drill Stem Tests: No DSTs are planned in the Green River.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

#### a. Drilling Activity

Anticipated Commencement Date: Upon approval of the site specific APD.

Drilling Days: Approximately 7 days.

Completion Days: Approximately 10 - 14 days.

#### b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

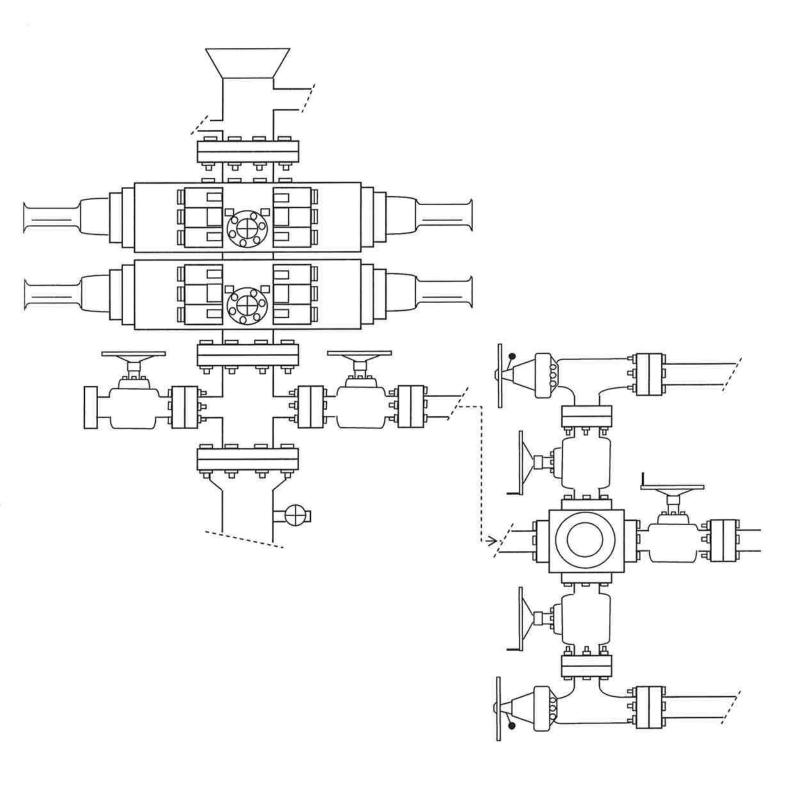
Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the

surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

#### 2-M SYSTEM

### Blowout Prevention Equipment Systems



**EXHIBIT C** 

#### NEWFIELD PRODUCTION COMPANY FEDERAL 3A-7-9-19 NW/SE SECTION 7, T9S, R19E UINTAH COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 3A-7-9-19 located in the NW 1/4 SE 1/4 Section 6, T9S, R19E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly – 15.3 miles  $\pm$  to it's junction with an existing road to the northeast; proceed easterly - 6.6 miles  $\pm$  to it's junction with and existing road to the northeast; proceed northeasterly – 0.3 miles  $\pm$  to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 3170'  $\pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-10136

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District). Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management.

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #06-604, 1/22/07. Paleontological Resource Survey prepared by, Wade E. Miller, 11/15/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 3,170' of disturbed area be granted in Lease UTU-017992 to allow for construction of the planned access road. Refer to Topographic Map "B". A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 480' ROW be granted in Lease UTU-15392 and 5240' of disturbed area be granted in Lease UTU-017992 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure.

Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 4860' of disturbed area be granted in Lease UTU-017992 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte,

Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### Threatened, Endangered, And Other Sensitive Species

A cactus survey will be required for the proposed location.

**Elk and Deer winter range:** No new construction or surface disturbing activities will be allowed Dec. 1<sup>st</sup> and April 30<sup>th</sup>.

#### **Reserve Pit Liner**

As directed by the authorized BLM officer, Newfield Production will be required to drill the Federal 10-7-9-19 with a **Closed Loop Drilling System**. One component of the closed loop system is a small lined reserve pit will be filled with fresh water in case thers is an emergency. A 16 mil liner with felt is required. The drill cuttings will be caught in a retrieving tank which will be stored on the edge of the location. After the well is drilled, the fresh water in the reserve pit will be hauled off and the reserve pit will be reclaimed prior to completion activities to avoid completion fluids from entering the reserve pit.

#### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	Agropyron Cristatum	5 lbs/acre
Spuirrel Tail	Elymus Elymoides	5 lbs/acre
Shadscale	Atriplex Confertifolia	1/2 lbs/acre
Kochia		1/4 lbs/acre
Gardners Saltbush	Atriplex Gardneri	1/2 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal #3A-7-9-19 was on-sited on 10/30/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

#### LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name: Dave Allred

Address: Route #3 Box 3630

Myton, UT 84052

Telephone: (435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3A-7-9-19 NE/NW Section 7, Township 9S, Range 19E: Lease UTU-017992 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site	and access route have been inspected, and I
am familiar with the conditions which currently exis	t; that the statements made in this plan are true
and correct to the best of my knowledge; and that th	e work associated with the operations
proposed here will be performed by Newfield Produ	
subcontractors in conformity with this plan and the t	erms and conditions under which it is
approved. This statement is subject to the provision	s of 18 U.S.C. 1001 for the filing of a false
statement.	1
2/19/10	M Combiliones
Date	Mandie Crozier
	Regulatory Specialist
	Newfield Production Company

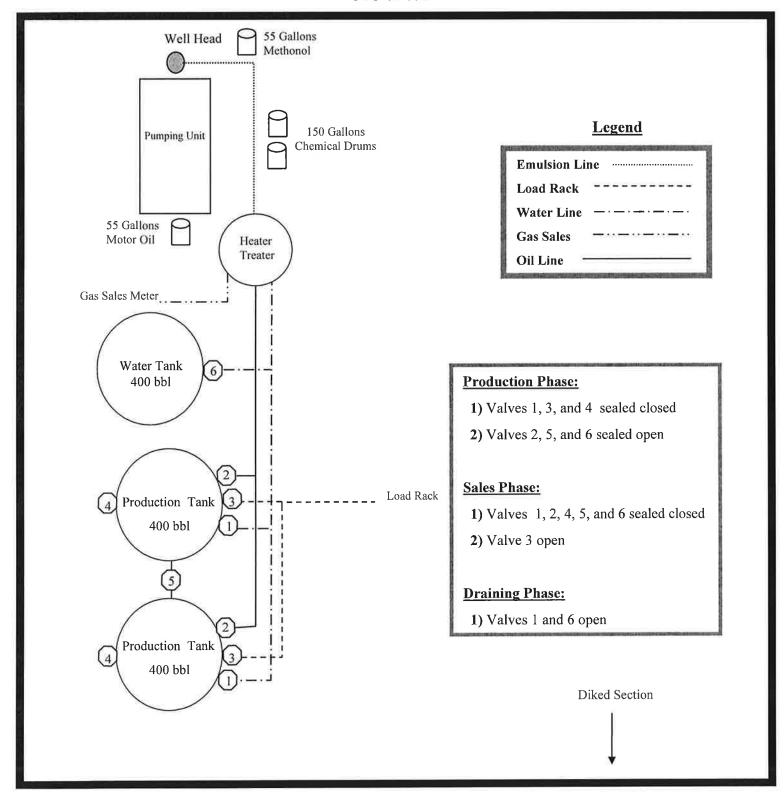
# **Newfield Production Company Proposed Site Facility Diagram**

Federal 3A-7-9-19

NE/NW Sec. 7, T9S, R19E

Uintah County, Utah

UTU-017992



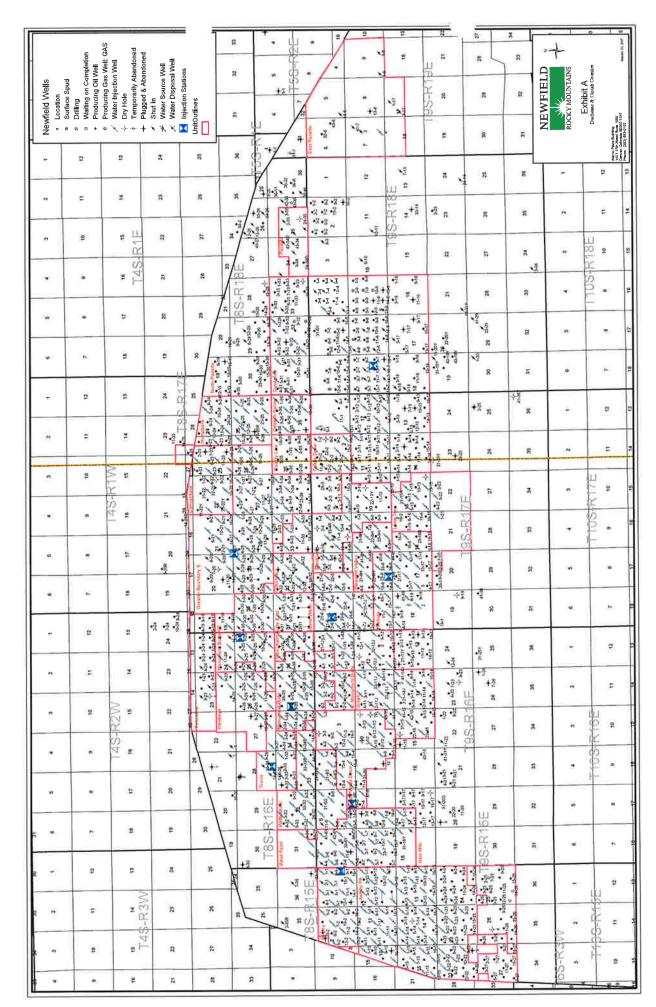


Exhibit "D"
lofa

#### CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL (T9S R19E SECTIONS 4, 5, 6, 7, 8, 9 AND 17) UINTAH COUNTY, UTAH

By:

Kylie Lower-Eskelson and Jenn Mueller

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Route 3 Box 3630 Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 06-604

January 22, 2007

United States Department of Interior (FLPMA)
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-06-MQ-1665b

2 F a

#### INLAND RESOURCES, INC.

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTAH COUNTY, UTAH

(Sections 3, 4, & 10, T 9 S, R 18 E; Section 7, T 9 S, R 19 E)

#### REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller Consulting Paleontologist November 15, 2003

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUND	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	<b>PHONE N</b> 435 646-4825 Ext	UMBER:	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 07	IP, RANGE, MERIDIAN: 'Township: 09.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
12/18/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertiner	nt details including dates, depths, v	olumes, etc.
l .	extend the Application for Permit		•
	year.		Approved by the
			Utah Division of
			Oil, Gas and Mining
		D	ate: 12/13/2010
			Million L
		B	A: Tropostiling
			223
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE		DATE	
N/Δ		12/13/2010	



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

**API:** 43047398780000 **Well Name:** FEDERAL 3A-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

require revi	sion. Following is a che	ecklist of some iten	ns related to the	application	, which should be verified.
	ated on private land, had ed? No	as the ownership c	hanged, if so, ha	s the surfac	ce agreement been
	any wells been drilled requirements for this			which wou	ld affect the spacing or
	nere been any unit or o s proposed well?		ut in place that o	could affect	the permitting or operation
	there been any change the proposed location		_	nership, or	rightof- way, which could
• Has th	ne approved source of	water for drilling c	hanged? 🔵 Ye	s 📵 No	
	there been any physica e in plans from what v				ute which will require a les 📵 No
• Is bor	nding still in place, whi	ch covers this prop	osed well? 📵		Approved by the Outah Division of Oil, Gas and Mining
_	Mandie Crozier	<b>Date:</b> 12/13/201		Dat	12/13/2010
Title:	Regulatory Tech <b>Repre</b>	senting: NEWFIELD	PRODUCTION CON	MPANY Date	R man W

Sundry Number: 21208 API Well Number: 43047398780000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDF	RY NOTICES AND REPORTS O	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		<b>9. API NUMBER:</b> 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84		NUMBER:	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 07	IP, RANGE, MERIDIAN: 'Township: 09.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	☐ ACIDIZE [	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
12/18/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR ☐	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
42 DECERTIFIED DOCUMENT OF CO.			
l .	OMPLETED OPERATIONS. Clearly show all pertine extend the Application for Perm		·
Translat proposes to	year.		
			Approved by the Utah Division of
			Oil, Gas and Mining
		C	Date: 12/19/2011
		_	2 occitiV
			sy: Die X
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 12/12/2011	

Sundry Number: 21208 API Well Number: 43047398780000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

**API:** 43047398780000 **Well Name:** FEDERAL 3A-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔵 Yes 🌘 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Mandie Crozier **Date:** 12/12/2011

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Sundry Number: 32424 API Well Number: 43047398780000

			FORM
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDR	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		<b>9. API NUMBER:</b> 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 19.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
12/18/2012		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:		FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all pe	ertinent details including dates.	lepths, volumes, etc.
I .	to extend the Application for Pe		
· · ·	• •		<b>Utah Division of</b>
			Oil, Gas and Mining
			Date: November 27, 2012
			10 maga 1
			By:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 11/26/2012	

Sundry Number: 32424 API Well Number: 43047398780000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

API: 43047398780000 Well Name: FEDERAL 3A-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes No
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ( Yes ( No
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well? 🌘 Yes 🔘 No
nature: Mandie Crozier Date: 11/26/2012

Sig

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Sundry Number: 44768 API Well Number: 43047398780000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDR	RY NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 19.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
12/16/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I nertinent details including dates	denths volumes etc
	to extend the Application for		
			Navarah an 40, 0040
			Date: November 18, 2013
			By: Dolly
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 11/12/2013	

Sundry Number: 44768 API Well Number: 43047398780000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

API: 43047398780000 Well Name: FEDERAL 3A-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Mandie Crozier Date: 11/12/2013

Sig

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Sundry Number: 58669 API Well Number: 43047398780000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDR	RY NOTICES AND REPORTS ON	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 19.0E Meridiar	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
12/18/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I .	completed operations. Clearly show all parties to extend the Application for P		
			Date:
			By: Basylll
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 12/9/2014	

Sundry Number: 58669 API Well Number: 43047398780000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047398780000

API: 43047398780000 Well Name: FEDERAL 3A-7-9-19

Location: 0586 FNL 1946 FWL QTR NENW SEC 07 TWNP 090S RNG 190E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of thi proposed well? ( Yes ( No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed? 🔘 Yes 🌘 No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?   Yes  No
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Mandie Crozier Date: 12/9/2014

Signature: Mandie Crozier **Date:** 12/9/2014

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Sundry Number: 66047 API Well Number: 43047398780000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 3A-7-9-19
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		<b>9. API NUMBER:</b> 43047398780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0586 FNL 1946 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI	HIP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 19.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
9/9/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:		OTHER	
			OTHER: Rescind APD
I .	COMPLETED OPERATIONS. Clearly show all p		
	to rescind the following APD si red by the Bureau of Land Mana		Accepted by the Utah Division of
αρρίον	ca by the Bareau of Lana Mana	agement.	Oil, Gas and Mining
			FOR RECORD ONLY
			September 10, 2015
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 9/9/2015	



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

September 10, 2015

Mandie Crozier **Newfield Production Company** Rt 3 Box 3630 Myton, UT 84052

Re: APDs Rescinded for Newfield Production Company,

**Uintah and Duchesne County** 

Dear Ms. Crozier:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of September 9, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely.

Environmental Scientist

Well File cc:

Bureau of Land Management, Vernal



43-047-40506	Ute Tribal 9-35-4-1E
43-013-50879	GMBU 8A-14-9-16
43-047-39660	Ute Tribal 11-35-4-1E
43-047-50634	Ute Tribal 7-11-4-1
43-013-50662	Ute Tribal 5-13-4-2W
43-013-50666	Ute Tribal 16-13-4-3W
43-013-50419	Ute Tribal 3-13-4-2W
43-013-50663	Ute Tribal 6-13-4-2W
43-013-30859	Ute Tribal 7-30R-4-2
43-013-50664	Ute Tribal 10-13-4-3W
43-013-50665	Ute Tribal 12-13-4-3W
43-013-50667	Ute Tribal 10-15-4-3W
43-013-50668	Ute Tribal 16-15-4-3W
43-013-50669	Ute Tribal 1-22-4-3W
43-013-50670	Ute Tribal 2-22-4-3W
43-047-36711	Federal 9-28-8-18
43-047-39818	Federal 5-5-9-19
43-047-39861	Federal 6-5-9-19
43-047-39862	Federal 7-5-9-19
43-047-39863	Federal 9-5-9-19
43-047-39864	Federal 10-5-9-19
43-047-39865	Federal 14A-5-9-19
43-047-39866	Federal 16-5-9-19
43-047-39874	Federal 2-6-9-19
43-047-39875	Federal 3-6-9-19
43-047-39876	Federal 6-6-9-19
43-047-39877	Federal 10-6-9-19
43-047-39880	Federal 9-7-9-19
43-047-40384	Federal 13-21-8-18
43-047-40383	Federal 1-28-8-18
43-047-39816	Federal 3-5-9-19
43-047-39817	Federal 4-5-9-19
43-047-50537	Federal 2-7-9-19
43-047-50538	Federal 10-7-9-19
43-013-50163	Ute Tribal 16-26-4-3
43-047-40505	Ute Tribal 10-35-4-1E
43-047-39878	Federal 3A-7-9-19
43-047-39879	Federal 6-7-9-19
43-047-39881	Federal 11-7-9-19
43-047-50970	Greater Mon Butte 13-7-9-19
43-047-50993	Greater Mon Butte 12-7-9-19
43-047-51032	Greater Mon Butte 4-8-9-19
43-047-51033	Greater Mon Butte 7-8-9-19
43-047-51112	Ute Tribal 6-24-4-1
43-047-51907	GMBU 13-31-8-19

43-047-51907 GMBU 13-31-8-19 43-047-51909 GMBU 14-31-8-19



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078 http://www.blm.gov/ut/st/en/fo/vernal.html



SEP 16 2015

IN REPLY REFER TO: 3160 (UTG011)

Mandie Crozier Newfield Production Company Route #3 Box 3630 Myton, UT 84052 RECEIVED

SEP 21 20 3

DIV. OF OIL, GAS & MINING

Dear Ms. Crozier:

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Land Law Examiner Robin R. Hansen received on September 9, 2015. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

	Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
4304751107	14-20-H62-6117	Ute Tribal 1-30-4-1E	NENE	Sec. 30-T4S-R1E	6/18/2010
4304740505	14-20-H62-6121	Ute Tribal 10-35-4-1E	NWSE	Sec. 35-T4S-R1E	1/28/2009
4304751112	14-20-H62-6194	Ute Tribal 6-24-4-1	SENW	Sec. 24-T4S-R1W	6/23/2010
4304739816	UTU-017992	Federal 3-5-9-19	Lot #3	Sec. 5-T9S-R19E	12/11/2007
4304739817	UTU-017992	Federal 4-5-9-19	Lot #3	Sec. 5-T9S-R19E	12/11/2007
4304739818	UTU-017992	Federal 5-5-9-19	SWNW	Sec. 5-T9S-R19E	12/11/2007
4304739861	UTU-017992	Federal 6-5-9-19	SENW	Sec. 5-T9S-R19E	12/11/2007
4304739865	UTU-017992	Federal 14A-5-9-19	SESW	Sec. 5-T9S-R19E	12/11/2007
4304739874	UTU-017992	Federal 2-6-9-19	NENW	Sec. 6-T9S-R19E	7/22/2008
4304739877	UTU-017992	Federal 10-6-9-19	NWSE	Sec. 6-T9S-R19E	12/17/2008
4304739878	UTU-017992	Federal 3A-7-9-19	NENW	Sec. 7-T9S-R19E	12/17/2007
4304739879	UTU-017992	Federal 6-7-9-19	SENW	Sec. 7-T9S-R19E	12/17/2007
4304739880	UTU-017992	Federal 9-7-9-19	NESE	Sec. 7-T9S-R19E	12/17/2007
4304750538	UTU-017992	Federal 10-7-9-19	NWSE	Sec. 7-T9S-R19E	7/9/2009
4304739881	UTU-017992	Federal 11-7-9-19	NESW	Sec. 7-T9S-R19E	12/17/2007
4304750993	UTU-017992	GMBU 12-7-9-19	NWSW	Sec. 7-T9S-R19E	3/11/2010
4304750970	UTU-017992	GMBU 13-7-9-19	SWSW	Sec. 7-T9S-R19E	3/1/2010
4304750537	UTU-022684A	Federal 2-7-9-19	NWNE	Sec. 7-T9S-R19E	7/9/2009
4304751032	UTU-4493	GMBU 4-8-9-19	NWNW	Sec. 8-T9S-R19E	3/24/2010
4304751033	UTU-4493	GMBU 7-8-9-19	SWNE	Sec. 8-T9S-R19E	3/24/2010
4304751907	UTU-30103	GMBU 13-31-8-19	SWSW	Sec. 31-T8S-R19E	8/25/2011
4304751909	UTU-30103	GMBU 14-31-8-19	SESW	Sec. 31-T8S-R19E	8/25/2011
4304740384	UTU-36442	Federal 13-21-8-18	Lot #4	Sec. 21-T8S-R18E	10/2/2008
4304740383	UTU-36442	Federal 1-28-8-18	Lot #1	Sec. 28-T8S-R18E	10/2/2008
4304736711	UTU-36442	Federal 9-28-8-18	NESE	Sec. 28-T8S-R18E	5/13/2005
4304739862	UTU-50385	Federal 7-5-9-19	SWNE	Sec. 5-T9S-R19E	1/15/2008
4304739863	UTU-50385	Federal 9-5-9-19	NESE	Sec. 5-T9S-R19E	12/11/2007

4304739864	
4304739866	
4304739875	
4304739876	

UTU-50385	Federal 10-5-9-19	NWSE	Sec. 5-T9S-R19E	12/11/2007
UTU-50385	Federal 16-5-9-19	NESE	Sec. 5-T9S-R19E	12/11/2007
UTU-50385	Federal 3-6-9-19	NENW	Sec. 6-T9S-R19E	12/17/2007
UTU-50385	Federal 6-6-9-19	SENW	Sec. 6-T9S-R19E	12/17/2007

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

#### **Enclosures**

cc: I

**UDOGM** 

bcc:

Well File

BIA